Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

YNK-DBR No. 139
Date 26.11.2020

No. First & Final Bill
Division: EE (Yelahanaka Division) Sub-Division: Yelahanaka Sub Division
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No.

SDR 0038 29/10/2020

Name of Work (as per sanctioned estimate): Drilling of Borewells and Providing Pipe Line in Kempegowda Ward No.01.

Reference to Agreement No. EE(YNKD)E-PMT-01/AGR/96/2019-20, Date: 21-08-2019 P-1802
Work order No: EE(YNKD)E-PMT-01/WO/103/2019-20, Date: 28-08-2019
Job Code: 001-19-000043 Budget head: P-1802 Water Supply New Areas Est. cost: 40.00 lakhs

Name of Contractor and Full Address: Sri.Shadayan (Ganesh Engineering Works)

Certified that the measurements were taken by me on 08-10-20 and recorded of Pages: 369113 to 369119 of measurement Book No: 3692 and that the work is satisfactorily executed.

SHADAYAN
Contractor

Officer-in-charge of the work

Certified that the measurements were verified by me on 08/X/2020 and found correct.
The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Sub-Division Office
Yelahanka Sub- Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore-

If Memorandum of Payment

1) Total value of work done or supplies made as per account with in
2) Deduct amount to be held in reserve being.....percent Rs.....
3) " Balance
4) Deduct Payments :
   a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
      Now made recovery of amount creditable to this/other work
      Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments
7) Net amount due to or from contractor
   Unadjusted items
   8) Advance to contractor for materials brought to site (as detailed) within T.D.

Gross Amt = Rs		2993928/-
PSD = Rs		-
CGST = Rs		26732
SGST = Rs		26732/-
IT = Rs		29939/-
LC = Rs		29939/-
CBF = Rs		2994/-
Royalty = Rs		8209/-
T.D. = Rs		124536/-
		2869392/-

SHADAYAN
Contractor's Signature

Received Rs..... (In words)
.....
By Cash and by adjustment of Payment as per memorandum
Witnesses:

1.
2.
Dated.....Signature of Contractor SHADAYAN

Paid by me by cheque
No.....Dated.....
Cash Rs.....Dated...

Initials of Officer making payment

(For use in the Office)

Audited & Admitted for Rs 2993928/-
Stamp
2869392/- by Cheque
and Rs 124536/- by adjustement

Accts Supdt
yelahanka Division
BBMP

Executive Engineer

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total Upto ...		Rema
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
1	Supply of Water through Tanker	Load	820.00			0.00	510.00	0.00	0.00	0.00	
2	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through a hand pump, Mini Water Supply scheme, or Piped Water Supply Scheme by vertical electrical sounding by adopting venner or Schlumberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation incluing an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.,	Each	6.00			6.00	1831.00	10986.00	6.00	10986.00	
3	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc.,complete) (RDWS G.O. Dt. 02.05-2019 Adoc Rates) C-13 I. No. 13.01 For New Borewells(For New Borewells)	Rmtr									
	a) 0.00 to 50.00 mtrs	Rmtr	300.00			300.00	297.00	89100.00	300.00	89100.00	
	b) 50.00 to 100.00 mtrs	Rmtr	300.00			300.00	389.00	116700.00	300.00	116700.00	
	c) 100.00 to 150.00 mtrs	Rmtr	300.00			300.00	433.00	129900.00	300.00	129900.00	
	d) 150.00 to 200.00 mtrs	Rmtr	300.00			300.00	457.00	137100.00	300.00	137100.00	
	e) 200.00 to 250.00 mtrs	Rmtr	300.00			300.00	529.00	158700.00	300.00	158700.00	
	f) 250.00 to 300.00 mtrs	Rmtr	300.00			300.00	567.00	170100.00	300.00	170100.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
4	Supply of ISI mark 175mm nominal bore,Plain end steel casing pipe -grade of steel FE-410 of Wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7mtrs .Both ends threaded confirming to IS 554/1985,one end (Inclussive of all Taxes and Duties)	Rmtr	360.00			335.00	1289.00	431815.00	335.00	431815.00	
5	Providing and Fixing 250mm dia PVC pipe and ad per specification and direction	Rmtr	60.00			60.00	1070.00	64200.00	60.00	64200.00	
6	175 mm dia MS Casing Cap	Each	6.00			6.00	97.00	582.00	6.00	582.00	
7	MS Casing pipe collars 'C' Class	Each	54.00			54.00	146.00	7884.00	54.00	7884.00	
8	Supply & delivery at site brand new texmo/innoval/lubi/sabra/Ataianta/calamal/waterman/Radha make suitable HP deep well submersible pump set suitable or vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of single stage or multistage CF pump close coupled by means of stainless steel coupling suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cages submersible induction ,motor suitable for operation of 3Ph, 50Hz 380/4400 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard, Non return valve etc complete the pump and motor shall from an integral unit with all the required fitting 17.50 HP 30 stage	Nos	6.00			6.00	36236 68159.00	217416 408954.00	6.00	217416 408954.00	
9	Providing laying & joining GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead& threads for joints wherever necessary as per direction including all lead & lift etc., complete ;A; grade (excluding cost of fittings) 50mm dia GI pipe	Rmtr	1380.00			1380.00	264.00	364320.00	1380.00	364320.00	
10	Providing & fixing heavy duty collar	Nos	300.00			300.00	146.00	43800.00	300.00	43800.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
11	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130 1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per I-694:1990 & confirming to GTP of GROUP-A. 3C x 10.0Sqm	Rmtr	2550.00			2550.00	179.00	456450.00	2550.00	456450.00	
12	Supplying & delivery at site brand new/essen/Lotus sunsines/Adarsh/GK controls best indigenous make combine energy meter-cum-control panel board unit of size 1200x600x300mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3Ph, 50Hz 380/440 volts AC supply with spring loaded latch locking with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board nit suitable for operation on 3Ph, 50Hz, 380/440 AC supply shall be consisted etc., complete T panel board shall be fabricated on single unit in the above components panel board for suitable pump set above 6.50 HP to 17.50 Hp with star delta starter.	Nos	6.00			6.00	13986.00	83916.00	6.00	83916.00	
13	Fabricating supplying and mounting MS box of 16 SWG suitable for floor/Wall mounting, fully weather proof with provision for better hear description (Providing with hinged front over, quipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc, complete box of 21600 sq cm	Sqm	132000.00			132000.00	0.32	42240.00	132000.00	42240.00	
14	Providing & Fixing of clamps set and borewell cap to the pump	Nos	6.00			6.00	652.00	3912.00	6.00	3912.00	
15	Supplying and delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve)	Nos	18.00			18.00	961.00	17298.00	18.00	17298.00	
16	Supply & delivery of brans new best make gate valve of size 50mm as per IS 778/84 with latest amendment with ISI mark 50mm Gate valve for distributer pipeline, 50mm dia	Nos	18.00			18.00	1321.00	23778.00	18.00	23778.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
17	Labour charges foe erection of new/repaired submersible pumpset along with GI pipes (32/50mm) cable (new Submersible pumpset if required will be supplied by the department free of cost and released pump set should behanded over to department) including transportation(each Length=6.00m)	Per length	150.00			150.00	85.00	12750.00	150.00	12750.00	
18	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc, complete for basement out door type	Sqm	6.00			6.00	448.00	2688.00	6.00	2688.00	
19	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required 40 to 63 Amps DP	Nos	6.00			6.00	856.00	5136.00	6.00	5136.00	
20	Supplying and fixing of Porcelain fuse channel with cut-out on existing / new wooden panel using necessary nuts,bolts and washers etc. 63Amps	Nos	18.00			18.00	141.00	2538.00	18.00	2538.00	
21	Supplying and laying of L.T.U.G A Cable having aluminium conductor PVC insulated sheeted galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554)	Rmtr	150.00			150.00	160.00	24000.00	150.00	24000.00	
22	Digging of trenches of 0.6mm x 0.50mtrs wide refilling the trench to the requiedground level and consolidatig etc., complete sutting road surface	Rmtr	150.00			150.00	53.00	7950.00	150.00	7950.00	
23	Supplying and fixing class A GI pipe on ple/Wall/drain crossing with necessary clamping arrangements fot UG cable of 1.1 KV cladd 40mm	Rmtr	18.00			18.00	278.00	5004.00	18.00	5004.00	
24	Supplying snf fixing wiring earth electrode for grounding conduits, IC cut-outs and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit/the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to the conduit etc., is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia bolts, nuts washers and checknuts etc., the pipe shall have 16 though holes of 122mm dia	Nos	6.00			6.00	1606.00	9636.00	6.00	9636.00	
25	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts nuts and washers etc.,	Nos	6.00			6.00	256.00	1536.00	6.00	1536.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty	Cost	
26	Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete.	Nos	18.00			18.00	735.00	13230.00	18.00	13230.00	
27	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., size 20x20x2.5 inches	Nos	6.00			6.00	294.00	1764.00	6.00	1764.00	
28	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5	Cum	13.50			13.50	299.00	4036.50	13.50	4036.50	
29	KSRB13-9.4 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	Rmtr	30.00			30.00	372.00	11160.00	30.00	11160.00	

Sl. No.	Description of work	Unit	Schedule-B Quantity	Previous Measurement		Present Measurement			Total UP-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty.	Cost	
30	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	13.20			12.60	121.00	1524.60	12.60	1524.60	
								2864688.00		2864688.00	
	Sub Total Amount							343763.00		343763.00	
	Add 12.0% towards GST Charges							3208451.00		3208451.00	
	Grand Total Amount										

DTHL - 2673150
GST 12% - 320778
GT 2993928/-

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

Asst Engineer
Ward No.01

Asst Exe Engineer
Yelahanaka Sub-Division, BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer
Yelahanaka division, BBMP